

09/27/01

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Gerhard HARTWICH  
Serial no. : 09/889,326  
Filed : with an effective filing date of January 7, 2000  
For : METHOD FOR ELECTROCHEMICALLY  
DETECTING NUCLEIC ACID-OLIGOMER  
HYBRIDISATION EVENTS

Group Art Unit :  
Examiner :  
Docket :

PATKRI P02AUS

**RECEIVED**

MAY 20 2002

**BOX PCT**

The Commissioner of Patents and Trademarks  
Washington, D.C. 20231

TECH CENTER 1600/2900

**ADDENDUM TO INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Further to the Information Disclosure Statement mailed under a July 11, 2001 Express Mailing date, the following are comments concerning the concise explanation of the foreign language documents, found either in the specification of the present application or on the previously submitted European Search Report.

Diederichsen "Ladungstransport in DNA" - The author of this reference describes DNA modified by attachment of electron donors and electron acceptors. A number of Ru- and Rh- complexes are mentioned as examples for such electron donors and electron acceptors. However, none of the redox-active substances, as recited in new claim 29, are mentioned.

Homlin et al. "Ladungsübertragung durch den DNA-Basenstapel" - This document discloses modification of DNA with electron donors and electron acceptors. The DNA acts as a mediator for the electron transfer (page 2831, abstract). Chapter 5 (page 2844) provides an overview on modified DNA. Non-covalent bound electron donors and electron acceptors such as metal intercalators are mentioned. Ethidium is suggested as an example for a photo induced donor, DAP as an example for an electron acceptor, and Ru- and Rh- complexes as well as metalloporphyrines as examples for electron donors (page 2845, left column). However, none of the redox-active substances, as recited in new claim 29, are mentioned.

This submission is believed to complete the filing of the above referenced Information Disclosure Statement. If any further action on the part of the Applicant is necessary to make this art properly of record, the Examiner is respectfully requested to contact the undersigned.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,



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#### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on September 27, 2001.

By: \_\_\_\_\_

Print Name: Michael J. Bujold